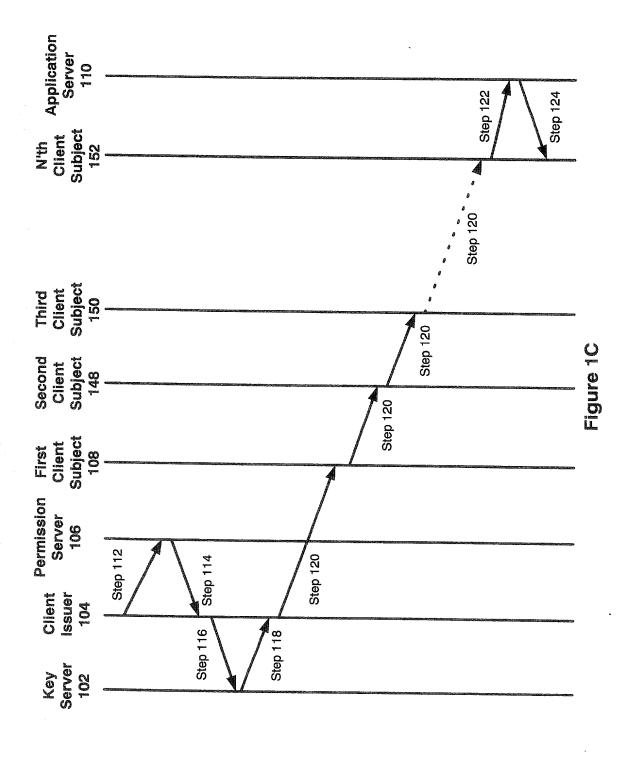


Figure 1B



Permission 160

Label 161 (eq URL)
Client Issuer Key 162
Validity Conditions 163
Permission Server Key 164
Permission Server Signature 165

Permission 170

Label 171 (eg. URL)
Client Subject Key 172
Validity Conditions 173
Client Issuer Key 174
Client Issuer Signature 175

Figure 1D

WWW. FIRST SERVICE. COM

CLICK ON ITEMS to WHICH YOU WISH TO PROVIDE ACCESS

- JOB TITLE
- SALARY
- · PERIOD OF EMPLOYMENT
- O DIRECT SUPERVISOR.

CREATE

190

FIGURE 1E

WWW. Second service. com/about/personal stats

JOB TITLE: Professor

SALARY: \$100,000.00

PERIOD OF EMPLOYMENTS June 1996 - Present

192

FIGURE IF

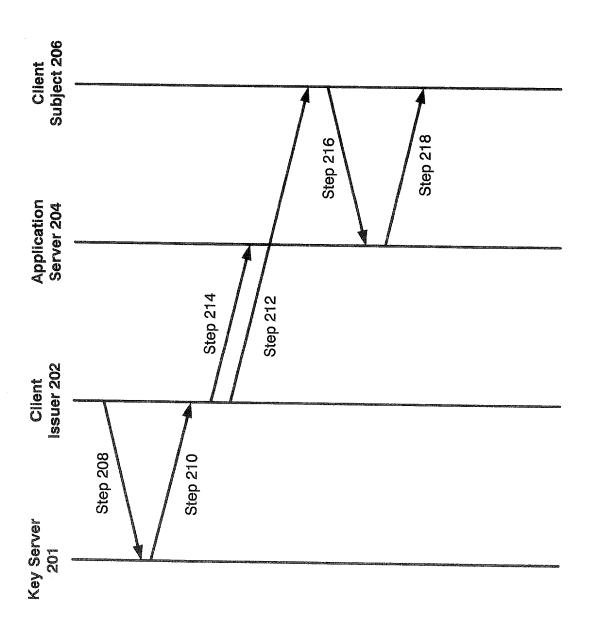


Figure 2A

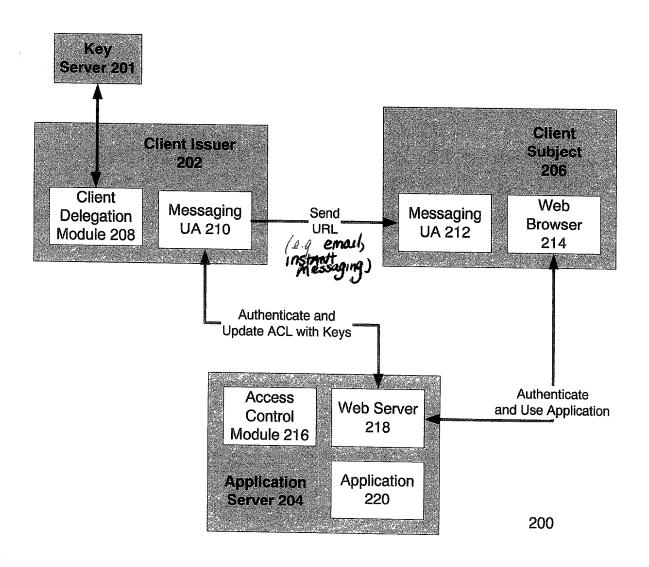


Figure 2B

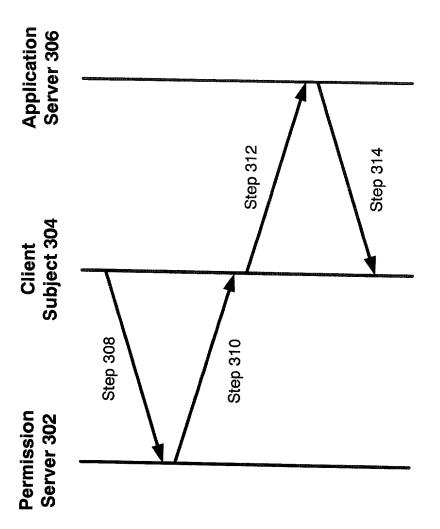


Figure 3A

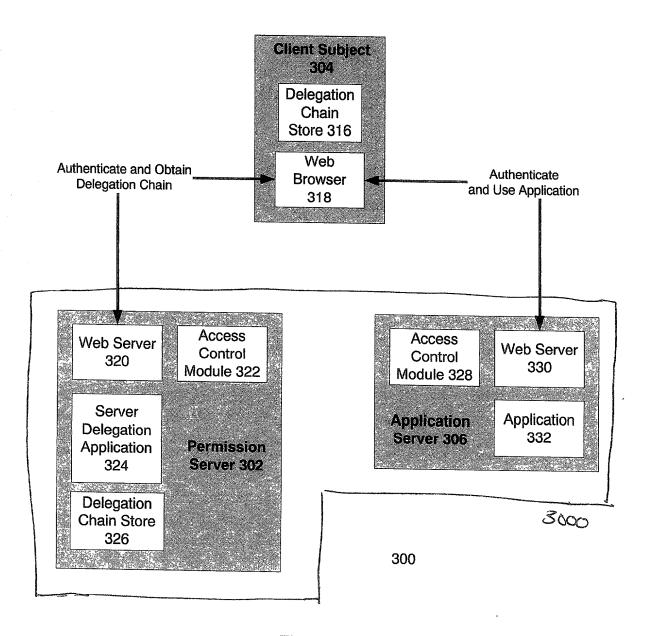


Figure 3B

Permission 340	
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Permission 342
Label 344
Client Subject Key 346
Validity Conditions 348
Permission Server Key 350
Permission Server Signature 352

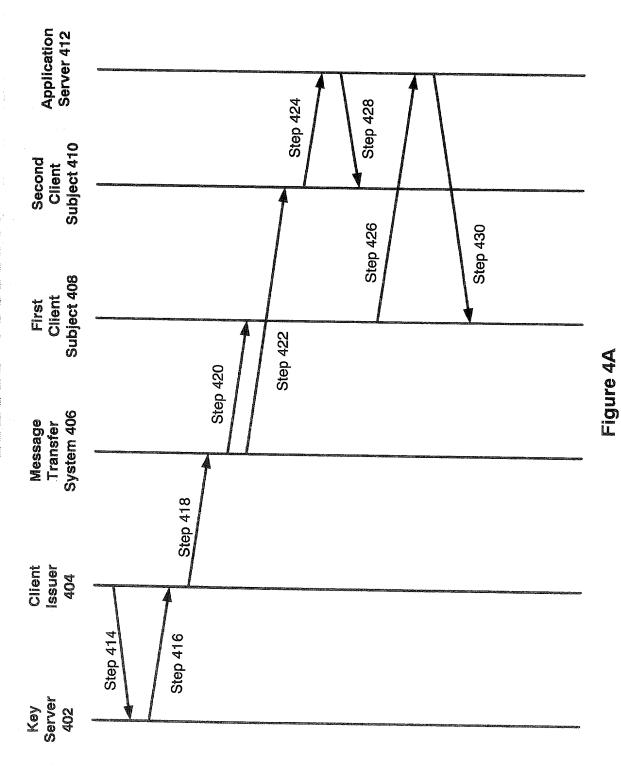
Figure 3C

Subsequent
Permission
Link 360

Label 344

Public Key of Subsequent
Validity Conditions 362

Public Key of
Second User
Signature 346



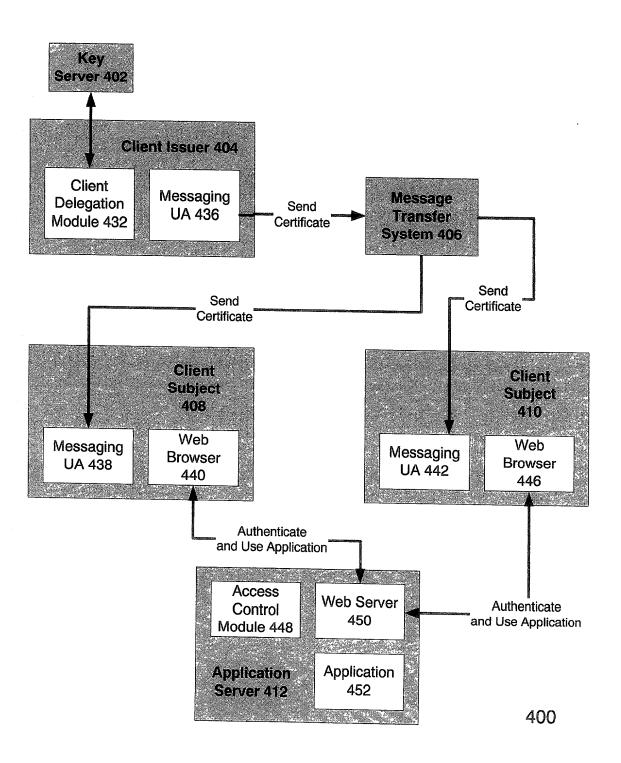


Figure 4B

Permission with Multiple Subjects 470

Label 471 (e.g. URL)
First Subject 472
Second Subject 473
Validity Conditions 474
Issuer Key 475
Issuer Signature 476

Figure 4C

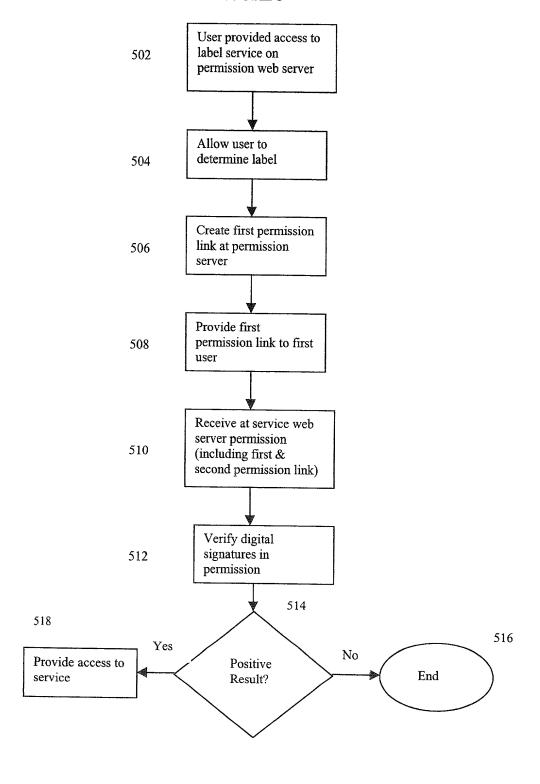
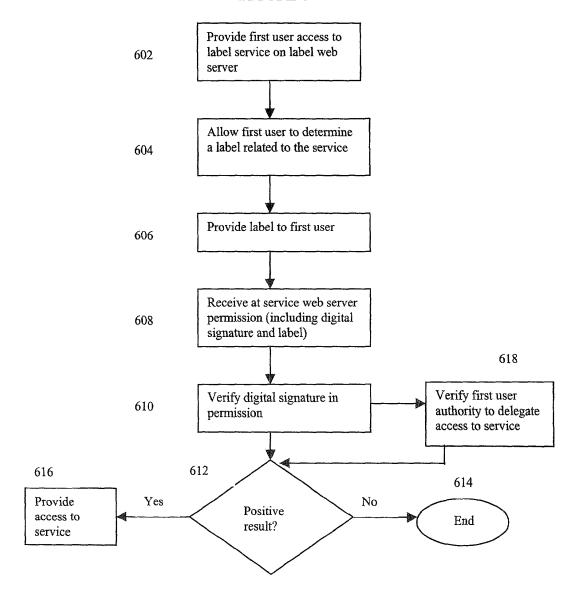
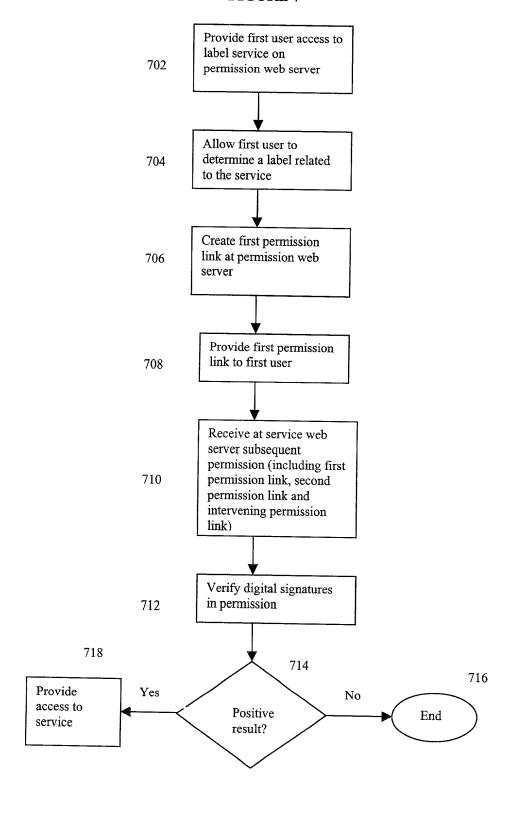
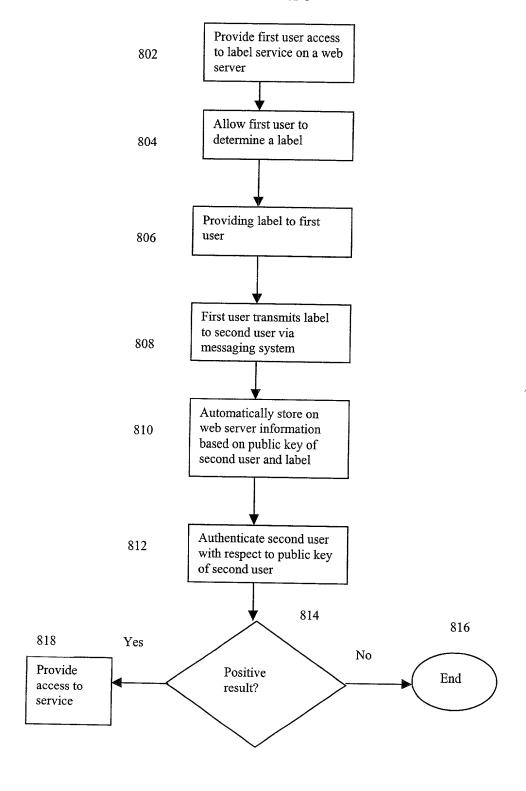


FIGURE 6







918

Provide

access to

service

FIGURE 9 Maintain at permission 902 web server a first permission Provide access to first permission to second user 904 upon authenticating to permission web server Provide second user permission comprising 906 first permission and 907 permission link Delegate permission to subsequent user Receive at service web server a request to access 908 the service Receive permission at service web server 910 Verify digital signatures in permission 912 914 916 No

End

Positive

result?

